

GenCore version 5.1.13
Copyright (c) 1993 - 2003 Computer Ltd

OM protein - protein search, using sw model

Run on: January 16, 2003, 16:49:27, Search time: 7.77143 Seconds
(without alignments)
32 360 Million cell updates/sec

Title: US-09-856-070-21
Perfect score: 60
Sequence: 1 EELMLRLQDYEE 12

Scoring table: BLISUM62
Gapop 10 0 0 Gapext 0.5

Searched: 120041 seqs, 19878514 residues

Total number of hits satisfying chosen parameters: 120041

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database: Published Applications AA:*

- 1: /cgn2_5/ptodata/2/pubppaa/US08_NEW_PUB pep.*
- 2: /cgn2_5/ptodata/2/pubppaa/PTI_NEW_PUB pep.*
- 3: /cgn2_5/ptodata/2/pubppaa/US06_NEW_PUB pep.*
- 4: /cgn2_5/ptodata/2/pubppaa/US07_PUBCOMB pep.*
- 5: /cgn2_5/ptodata/2/pubppaa/US07_NEW_PUB pep.*
- 6: /cgn2_5/ptodata/2/pubppaa/US07_PUBCOMB pep.*
- 7: /cgn2_5/ptodata/2/pubppaa/PTIUS_PUBCOMB pep.*
- 8: /cgn2_5/ptodata/2/pubppaa/US08_PUBCOMB pep.*
- 9: /cgn2_5/ptodata/2/pubppaa/US09_NEW_PUB pep.*
- 10: /cgn2_5/ptodata/2/pubppaa/US09_PUBCOMB pep.*
- 11: /cgn2_5/ptodata/2/pubppaa/US10_NEW_PUB pep.*
- 12: /cgn2_5/ptodata/2/pubppaa/US10_PUBCOMB pep.*
- 13: /cgn2_5/ptodata/2/pubppaa/US08_NEW_PUB pep.*
- 14: /cgn2_5/ptodata/2/pubppaa/US08_PUBCOMB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Match	Score	Length	DB ID	Description
1	50	100.0	635	10	US-09-925-299-896 Sequence 896, App
2	39	65.0	57	10	US-09-864-761-44065 Sequence 44065, A
3	39	65.0	405	10	US-09-863-475A-8 Sequence 8, Appli
4	35	58.3	46	10	US-09-864-761-45608 Sequence 45608, A
5	35	58.3	235	10	US-09-947-442-2 Sequence 2, Appli
6	35	58.3	236	9	US-09-748-626-6077 Sequence 6077, Ap
7	35	58.3	721	12	US-10-025-187-2 Sequence 2, Appli
8	34.5	57.5	149	10	US-09-904-536-20 Sequence 20, Appli
9	34	56.7	333	10	US-09-828-313-33 Sequence 33, Appli
10	34	56.7	468	10	US-09-925-300-1620 Sequence 1620, Ap
11	34	56.7	481	10	US-09-815-242-4952 Sequence 4952, Ap
12	34	56.7	489	10	US-09-815-242-10791 Sequence 10791, A
13	33	55.0	166	10	US-09-934-868-48 Sequence 48, Appli
14	33	55.0	228	10	US-09-900-715-2 Sequence 2, Appli
15	33	55.0	374	10	US-09-925-302-711 Sequence 711, App
16	33	55.0	645	9	US-09-764-868-625 Sequence 625, App
17	33	55.0	663	10	US-09-815-242-11869 Sequence 11869, A
18	33	55.0	2647	9	US-09-754-508H-2 Sequence 2, Appli
19	32	53.3	86	10	US-09-864-761-34118 Sequence 34118, A

ALIGNMENTS

RESULT 1
US-09-925-299-896
Seq: 896-896, Application: US/09-925-299
Patent No. US20020055627A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: FA02
CURRENT APPLICATION NUMBER: US/09/925-299
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05883
PRIOR FILING DATE: 2000-03-08
PCT APPLICATION NUMBER: 69/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1556
SOFTWARE: Patent In Ver 2.0
SEQ ID NO 896
LENGTH: 635
TYPE: PRT
ORGANISM: Homo sapiens
US-09-925-299-896

Query Match 100.0%; Score 60; DH 10; Length 635;
Best Local Similarity 100.0%; Pred. No. 0.0051;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 EELMLRLQDYEE 12
DB 394 EELMLRLQDYEE 405

RESULT 2
US-09-864-761-44065
Sequence 44065, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Pucc, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DETERMINED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

Sequence 48467, A
Sequence 1, Appli
Sequence 47898, A
Sequence 4, Appli
Sequence 201, App
Sequence 3, Appli
Sequence 9, Appli
Sequence 1, Appli
Sequence 3, Appli
Sequence 10417, A
Sequence 37952, A
Sequence 64, Appli
Sequence 48038, A
Sequence 48684, A
Sequence 483, App
Sequence 40477, A
Sequence 239, App
Sequence 34751, A
Sequence 40772, A
Sequence 14, Appli
Sequence 426, App
Sequence 1394, Ap
Sequence 7, Appli
Sequence 14, Appli
Sequence 66, Appli
Sequence 66, Appli

FILE REFERENCE: Aemica X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/642,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: US 24263,6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: AemicaX Sequence Listing Engine vers. 1.1
 SEQ ID NO 44065
 LENGTH: 57
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AC006195.1
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL - 1.2
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL - 1.2
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL - 7.6
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL - 1.4
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL - 1.1
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL - 1.1
 OTHER INFORMATION: SWISSPROT HIT: P56092, EVALUATE 4.60e-00
 US 09-864-761 44065

Query Match 65.0% Score 39; DH 10; Length 57;
 Best Local Similarity 72.7% Pred. No. 1.7;
 Matches 8; Conservative 2; Mismatches 1; Indels 0; Gaps 0.

QY 2 FLMLRLQDYEE 12
 DB 136 FEVDRLVDYEE 28

RESULT 3

US 09 864 475A-8
 Sequence 8, Application US/0986475A
 Patent No. US20020102688A1
 GENERAL INFORMATION:
 APPLICANT: LOWE, JOHN H.
 TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
 OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS.

GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
 OF CLONED GENETIC SEQUENCES THAT IDENTIFY THESE STRUCTURES
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OHION, SHIVAK, MCCLELLAND, MATHER & NEUSTADT,
 P.C.
 STREET: 1755 Jefferson Davis Highway, Fourth Floor
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patchin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/863,475A
 FILING DATE: 24-May-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/914,281
 FILING DATE: 20-JUL-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Lavalleye, Jean-Paul M. P.
 REGISTRATION NUMBER: 31,451
 REFERENCE/DOCKET NUMBER: 2363-060-55
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703)521-4500
 TELEFAX: (703)486-2347
 TELEX: 248855 OPAT UR
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 405 amino acids
 TYPE: amino acid
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 8:
 US-09-863-475A-8

Query Match 65.0% Score 39; DH 10; Length 405;
 Best Local Similarity 66.7% Pred. No. 13;
 Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 FLMLRLQDYEE 12
 DB 136 FEVDRLVDYEE 147

RESULT 4

US-09-864-761-45608
 Sequence 45608, Application US/09864761
 Patent No. US20020048763A1
 GENERAL INFORMATION:
 APPLICANT: Penn, Sharon G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wensheng
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 FILE REFERENCE: Aemica-X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: US 24263,6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine Vers 1.1
SEQ ID NO 45608
LENGTH: 46
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC009155.3
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.65
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.62
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.98
OTHER INFORMATION: EST_HUMAN HIT: AL138321.1, EVALUATE 5.00e-11
OTHER INFORMATION: SWISSPROT HIT: P45891, EVALUATE 8.20e+00
US-09-864-761-45608

Query Match 58.3%, Score 35; DB 10; Length 46;
Best Local Similarity 50.0%; Pred. No. 6.5;

Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
: ||| : |||

DB 32 ONLLELRNYYE 43

RESULT 5
US-09-947-442-2
Sequence 2, Application US/09947442
Patent No. US20020652486A1
GENERAL INFORMATION:
APPLICANT: BATHIE, BRIGIITE
APPLICANT: SCHROEDER, INDIRA
APPLICANT: PEPERLE, WALTER
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE GPMB GENE
FILE REFERENCE: 213067US0X
CURRENT APPLICATION NUMBER: US/09/947,442
PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: DE 10044772.4
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: DE 10133668.5
PRIOR FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 235
TYPE: PRT
ORGANISM: Corynebacterium glutamicum
US-09-947-442-2

Query Match 58.3%, Score 35; DB 10; Length 236;
Best Local Similarity 50.0%; Pred. No. 36;

Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
: ||| : |||

DB 134 DELMYSLEDDWE 145

RESULT 6
US-09-738-626-6077
Sequence 2, Application US/099738626
Patent No. US20020197605A1
GENERAL INFORMATION:
APPLICANT: NAKAGAWA, SATOSHI
APPLICANT: MIYOCUCHI, HIROSHI
APPLICANT: ANEKO, SEIKO
APPLICANT: HAYASHI, MIKIRO
APPLICANT: OCHIALI, KEIKO
APPLICANT: YOKOI, HARUHIKO
APPLICANT: TATEISHI, NAOKO
APPLICANT: SENOH, AKIHITO
APPLICANT: IKEDA, MASATO
APPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
CURRENT APPLICATION NUMBER: US/09/738,626
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: JP 99/377484
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: JP 00/280988
PRIOR FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
SOFTWARE: PatentIn ver. 3.0
SEQ ID NO 6077
LENGTH: 236
TYPE: PRT
ORGANISM: Corynebacterium glutamicum
US-09-738-626-6077

Query Match 58.3%, Score 35; DB 9; Length 236;
Best Local Similarity 50.0%; Pred. No. 36;

Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
: ||| : |||

DB 134 DELMYSLEDDWE 145

RESULT 7
US-10-025-187-2
Sequence 2, Application US/10025187
Patent No. US20020150931A1
GENERAL INFORMATION:
APPLICANT: SHEFFIELD, VAL
APPLICANT: NISHIMURA, DARRYL
APPLICANT: STONE, EDWARD
TITLE OF INVENTION: A RAPIDLY-RIELED SUSCEPTIBILITY GENE AND USES THEREOF
FILE REFERENCE: IOWA:034US
CURRENT APPLICATION NUMBER: US/10/025,187
PRIOR FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: WA/256,900
PRIOR FILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 721
TYPE: PRT
ORGANISM: Homo sapiens
US-10-025-187-2

Query Match	58.0%	Score 45;	DB 12;	Length 721;
Best Local Similarity	50.0%	Pred. NO. 1.2e+02;		
Matches	6;	Conservative	4;	Mismatches 2;
				Models 0;
				Gaps 0;

```

RESULT 8
US 09/904,536, 20
: Sequence 20, Application US/09404536
: Patent NO. US2002011475A1
: GENERAL INFORMATION:
: APPLICANT: Graddis, Thomas J.
: APPLICANT: McGrew, Jeffrey T.
: TITLE OF INVENTION: FLU-L MUTANIS AND METHODS OF USE
: FILE REFERENCE: 03260, 0028
: CURRENT APPLICATION NUMBER: US/09/904,536
: CURRENT FILING DATE: 2001-07-16
: PRIOR APPLICATION NUMBER: 09/109,100
: PRIOR FILING DATE: 1999-07-02
: NUMBER OF SEQ ID NOS: 20
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 20
: LENGTH: 149
: TYPE: PRT
: ORGANISM: Homo sapiens
US 09/904,536-20

```

```

1  RESULT 9
2  US 09-828-313-34
3  : September 33, Application US 60628413
4  : Patent No. US 2002200662A1
5  : GENERAL INFORMATION:
6  : APPLICANT: COSTA e SILVA, OSWALDO DA
7  : APPLICANT: BOINERT, HANS J.
8  : APPLICANT: THIELEN, NOCHA VAN
9  : APPLICANT: CHEN, ROUYING
10 : APPLICANT: SARRIA-MILLAN, RODRIGO
11 : TITLE OF INVENTION: PROTEIN KINASE STRESS-RELATED PROTEINS AND METHODS OF
12 : TITLE OF INVENTION: USE IN PLANTS
13 : FILE REFERENCE: 16313-0032
14 : CURRENT APPLICATION NUMBER: US/09/828, 313
15 : CURRENT FILING DATE: 2001-04-06
16 : PRIOR APPLICATION NUMBER: 60/196,001
17 : PRIOR FILING DATE: 2000-04-07
18 : NUMBER OF SEQ ID NOS: 128
19 : SOFTWARE: Patent In Ver. 2.1
20 : SEQ ID NO 34
21 : LENGTH: 333
22 : TYPE: PRT
23 : ORGANISM: Physcomitrella patens
24 : US 09-828-313-34

```

```

RESULT 10
US-09-925-300-1620
Sequence 1620, Application 09/0925300
Patent No. US20020151681A1
GENERAL INFORMATION:
APPLICANT: Craig Rosen,
APPLICANT: Steve Ruben
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA101
CURRENT APPLICATION NUMBER: US/09/925, 300
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1890
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1620
LENGTH: 468
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (1)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (4)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-300-1620

```

```

RESULT 11
1 S-00-015-242-4052
2 S-00-015-242-4052, Application: US/09815242
3 Patent No. US/20020361562A1
4
5 GENERAL INFORMATION:
6
7 APPLICANT: Haselbeck, Robert
8 APPLICANT: Ohlsen, Karl L.
9 APPLICANT: Zyskind, Judith W.
10 APPLICANT: Wall, Daniel
11 APPLICANT: Trawick, John D.
12 APPLICANT: Carr, Grant J.
13 APPLICANT: Yamamoto, Robert T.
14 APPLICANT: Xu, H. Howard
15
16 TITLE OF INVENTION: Identification of Essential Genes in
17
18 TITLE OF INVENTION: Prokaryotes
19
20 FILE REFERENCE: ELITRA-011A
21
22 CURRENT APPLICATION NUMBER: US/09/015,242
23
24 CURRENT FILING DATE: 2001-03-21
25
26 PRIOR APPLICATION NUMBER: 60/191,078
27
28 PRIOR FILING DATE: 2000-03-21
29
30 PRIOR APPLICATION NUMBER: 60/206,848
31
32 PRIOR FILING DATE: 2000-05-23
33
34 PRIOR APPLICATION NUMBER: 60/207,727
35
36 PRIOR FILING DATE: 2000-05-26
37
38 PRIOR APPLICATION NUMBER: 60/242,578
39
40 PRIOR FILING DATE: 2000-10-23
41
42 PRIOR APPLICATION NUMBER: 60/253,625
43
44 PRIOR FILING DATE: 2000-11-27
45
46 PRIOR APPLICATION NUMBER: 60/257,931
47
48 PRIOR FILING DATE: 2000-12-22
49
50 PRIOR APPLICATION NUMBER: 60/269,308
51
52 PRIOR FILING DATE: 2001-02-16
53
54 NUMBER OF SEQ ID NOS: 14110

```

```

; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4952
; LENGTH: 481
; TYPE: prt
; ORGANISM: Enterococcus faecalis
US-09-815-243-4952

```

Query Match 56.7%; Score 34; DP 10; Length 481;
Best local Similarity 58.3%; Pred. NO. 1.1E+02;
Matches 7; Conservative 2; Mismatches 3; Indels

```
QY 1 EELMLRIQDYEE 12
    || : || : ||
DB 25 EETLNRIQDTEE 36
```

RESULT 12
US-09-815-242-10791
US-09-815-242-10791, Application US-09815242
; Patent No. US20020061569A1
; GENERAL INFORMATION:
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari L.
; APPLICANT: Zyskind, Judith W.
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John D.
; APPLICANT: Carr, Grant J.
; APPLICANT: Yehamoto, Robert T.
; APPLICANT: Xu, H. Howard

```

Query Match: 56.78; Score 34, DB 10, length 489;
Best Local Similarity 58.38; Pred. No. 1.1e+02;
Matches 7; Conservative 2; Mismatches 3; Index

```

Qy 1 EELMLRLQDYEE 12
|| : || : ||
Db 28 EETLNRIODTEEE 39

RESULT 13
US-09-934-868-48
Sequence 48, Application #US/2003/4868
Patent No. US20020137190A1
GENERAL INFORMATION:
APPLICANT: Koffas, Matthew
APPLICANT: Odom, James M
APPLICANT: Schaeple, Andrew, I

```

: : TITLE OF INVENTION: GENITIPHYING METHANOTROPHIC BACTERIAL STRAIN
: :
: : FILE REFERENCE: CL1546 US NA
: :
: : CURRENT APPLICATION NUMBER: US/09/934,868
: :
: : CURRENT FILING DATE: 2001-08-22
: :
: : PRIOR APPLICATION NUMBER: 60/229,858
: :
: : PRIOR FILING DATE: 2003-09-01
: :
: : NUMBER OF SEQ ID NOS: 81
: :
: : SOFTWARE: Microsoft Office 97
: :
: : SEQ ID NO 48
: :
: : LENGTH: 166
: :
: : TYPE: PRT
: :
: : ORGANISM: Methylenomonas 16a
: :
: : FEATURE:
: :
: : OTHER INFORMATION: NlRh
: :
: : US-09-934,868-48

```

Query Match: 55.3%, Score 33, DB 10; length 166,
Best Local Similarity 58.3%; Pred. No. 55;
Matches 7, Conservative 2, Mismatches 3, Indels

QY	1	HELMLRQDYER	12
		: : : : :	1
DB	44	QELMLRMADMLE	55

```

RESULT 14
US-09-900-715-2
Sequence 2, Application US/09400715
Patent No. US20020083480A1
GENERAL INFORMATION:
APPLICANT: Allen, Keith D.
TITLE OF INVENTION: TRANSGENIC MICE CONTAINING PROTEIN
DISRUPTIONS
FILE REFERENCE: P-775
CURRENT APPLICATION NUMBER: US/09/900,715
CURRENT FILING DATE: 2001-07-06
PPIOP APPLICATION NUMBER: US 69/216,104
PPIOP FILING DATE: 2000-07-06
PPIOP APPLICATION NUMBER: US 69/223,386
PPIOP FILING DATE: 2000-08-07
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID No 2
LENGTH: 238
TYPE: PRT
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: VARIANT
LOCATION: 65
OTHER INFORMATION: Xaa = Any Amino Acid
US-09-900-715-2

```

Query Match 55.0%; Score 33; DB 10; Length 228;
Best Local Similarity 58.3%; Pred. No. 76;
Matches 7; Conservative 1; Mismatches 4; Models

cy	1	EELMLRIQDYER	12
db	13	EALKQHLQDYER	24

```

RESULT 15
: US-09-925-302-711
: Sequence 711, Application US/09925302
: Patent No. US20020044941A1
: GENERAL INFORMATION:
: APPLICANT: Rosen et al.
: TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
: FILE REFERENCE: PA104
: CURRENT APPLICATION NUMBER: US/09/925,302
: CURRENT FILING DATE: 2001-08-10
: PRIOR APPLICATION NUMBER: PCT/US00/05918
: PRIOR FILING DATE: 2000-03-08

```

```

: PRIOR APPLICATION NUMBER: 60/124,270
: PRIOR FILING DATE: 1999-03-12
: NUMBER OF SEQ ID NOS: 896
: SOFTWARE: Patent In Ver. 2.0
: SEQ ID NO: 711
: LENGTH: 374
: TYPE: PRT
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: SITE
: LOCATION: (85)
: OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-402-711

```

```

Query Match      55.0%; Score 33; DB 10; Length 374;
Best Local Similarity 41.7%; Pred. No. 1.3e+02;
Matches 5; Conservative 5; Mismatches 2; Indels 0; Caps 0;

```

```

QY 1 BELMLRLQDYEE 12
   : : : : : : : : : : : : : : : :
DB 41 QQLQAQLQDYKE 52

```

```

Search completed: January 16, 2003, 17:00:08
Job time : 7.47143 secs

```